

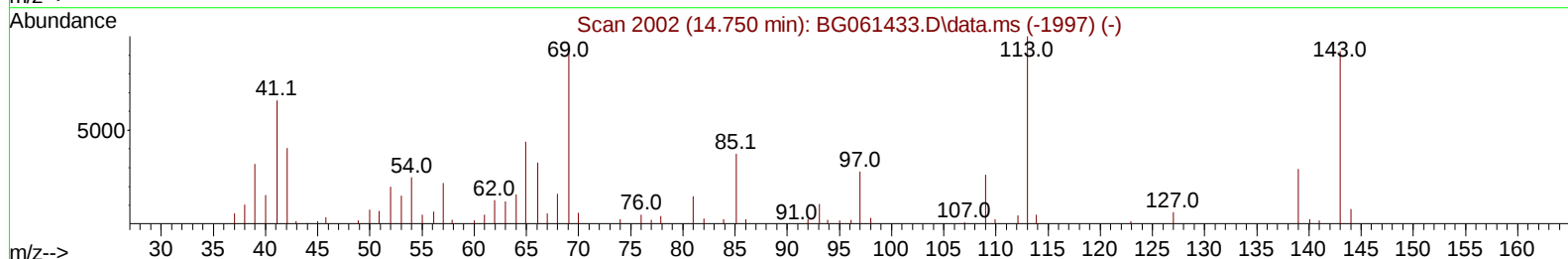
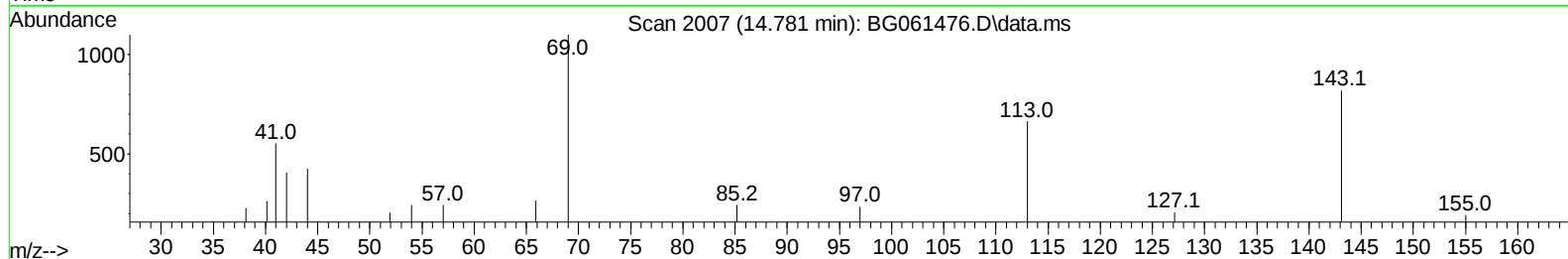
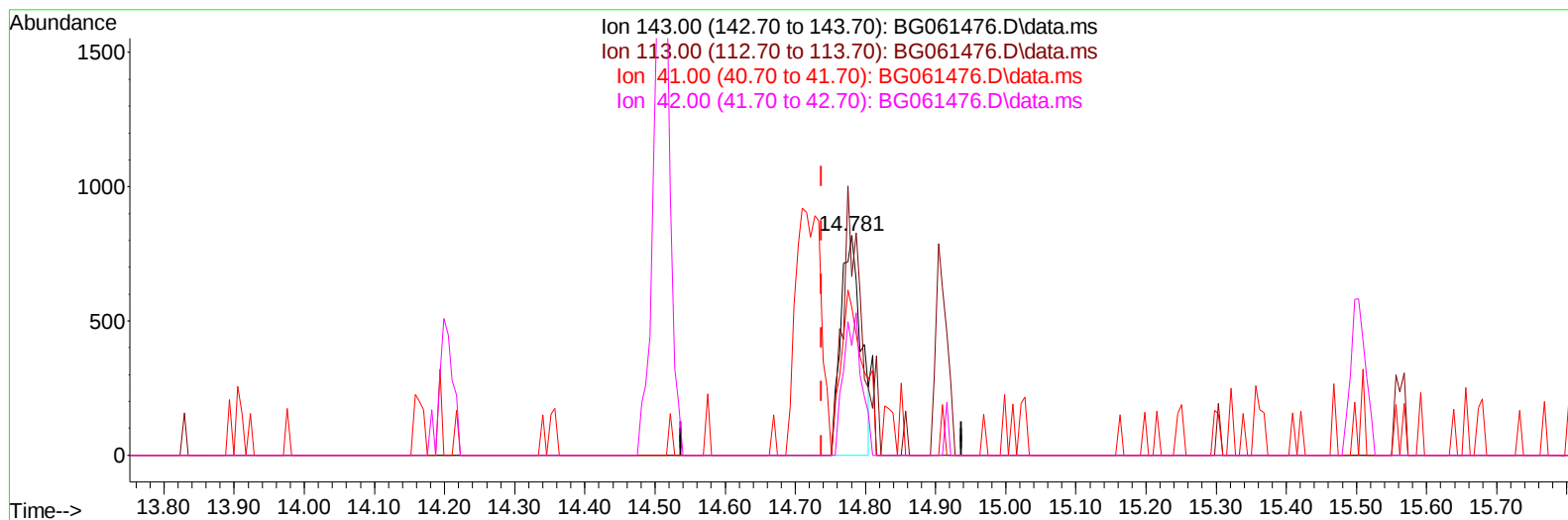
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061476.D
Acq On : 5 Jun 2024 5:55
Operator : MA/JU
Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061476.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.781min (+ 0.043) 2.14 ng/u1

response 1615

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	81.17#
41.00	77.10	67.48
42.00	49.50	49.88

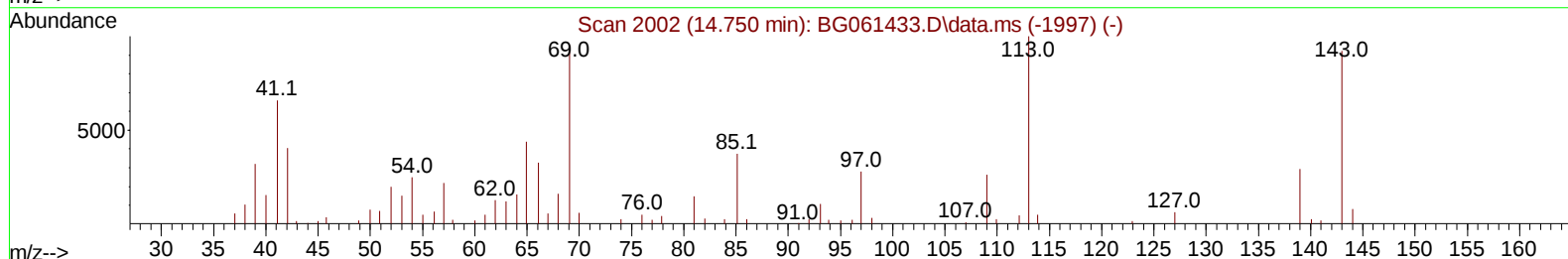
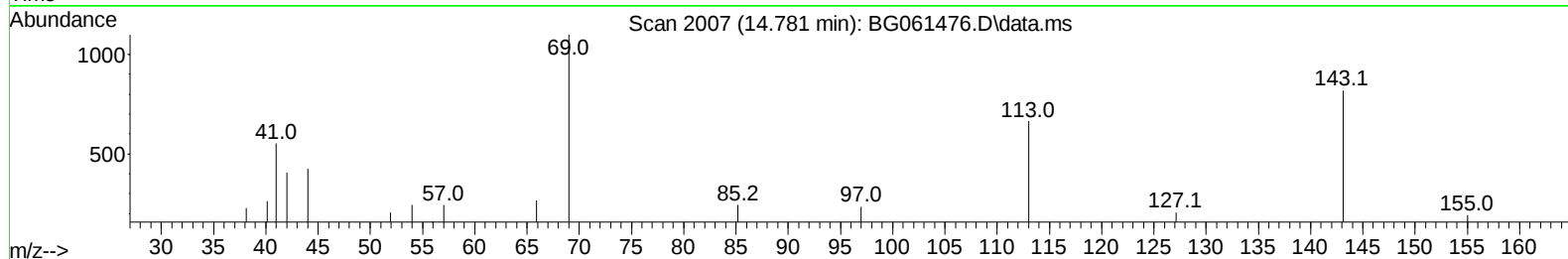
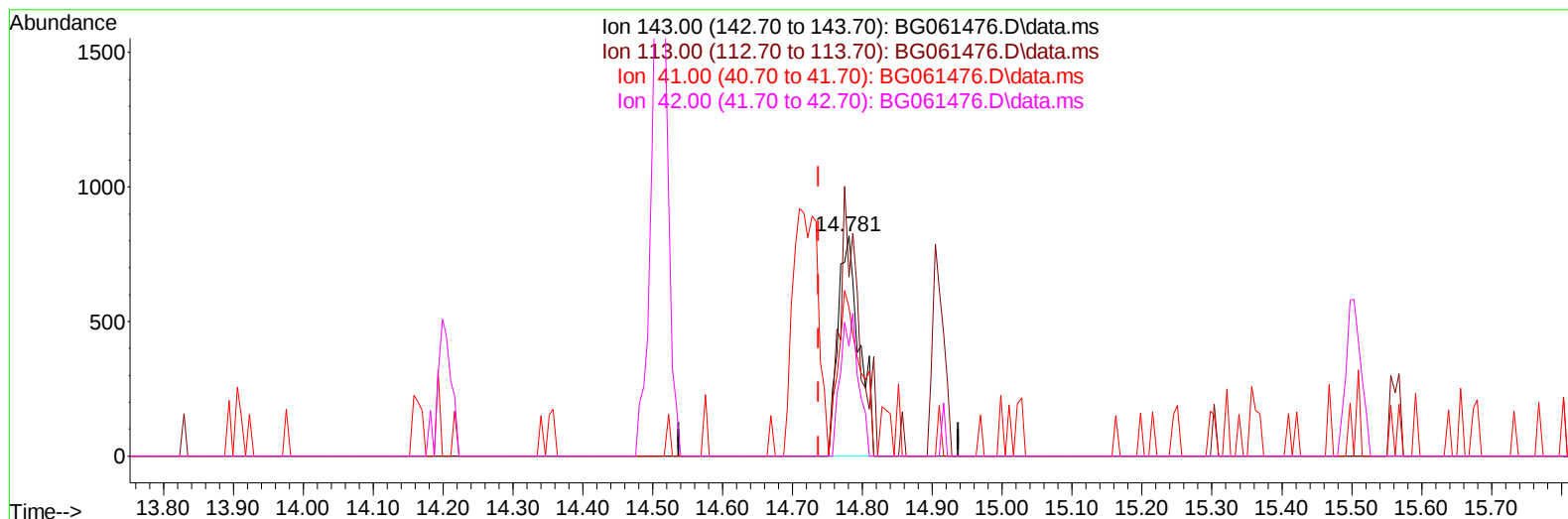
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061476.D
Acq On : 5 Jun 2024 5:55
Operator : MA/JU
Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061476.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.781min (+ 0.043) 2.32 ng/ul m

response 1746

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	81.17#
41.00	77.10	67.48
42.00	49.50	49.88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061476.D
Acq On : 5 Jun 2024 5:55
Operator : MA/JU
Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_G

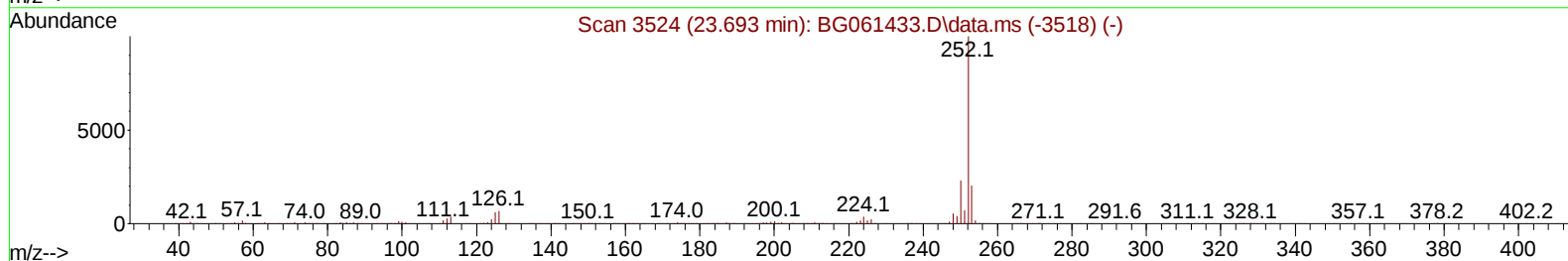
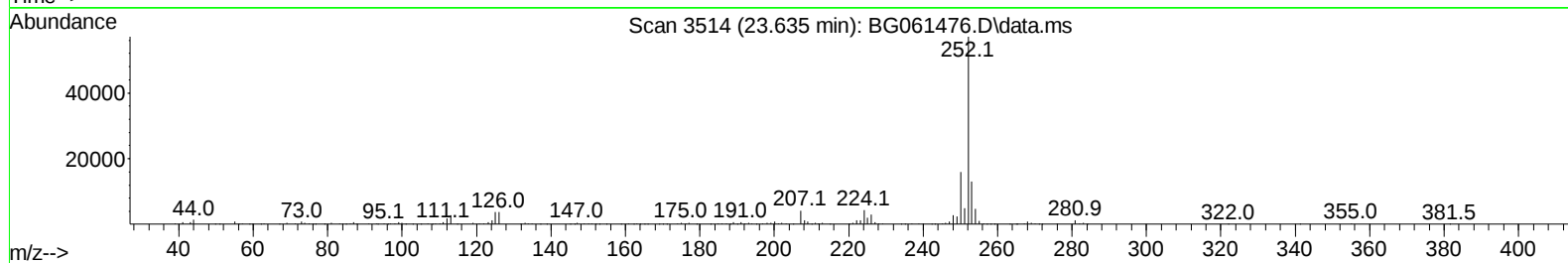
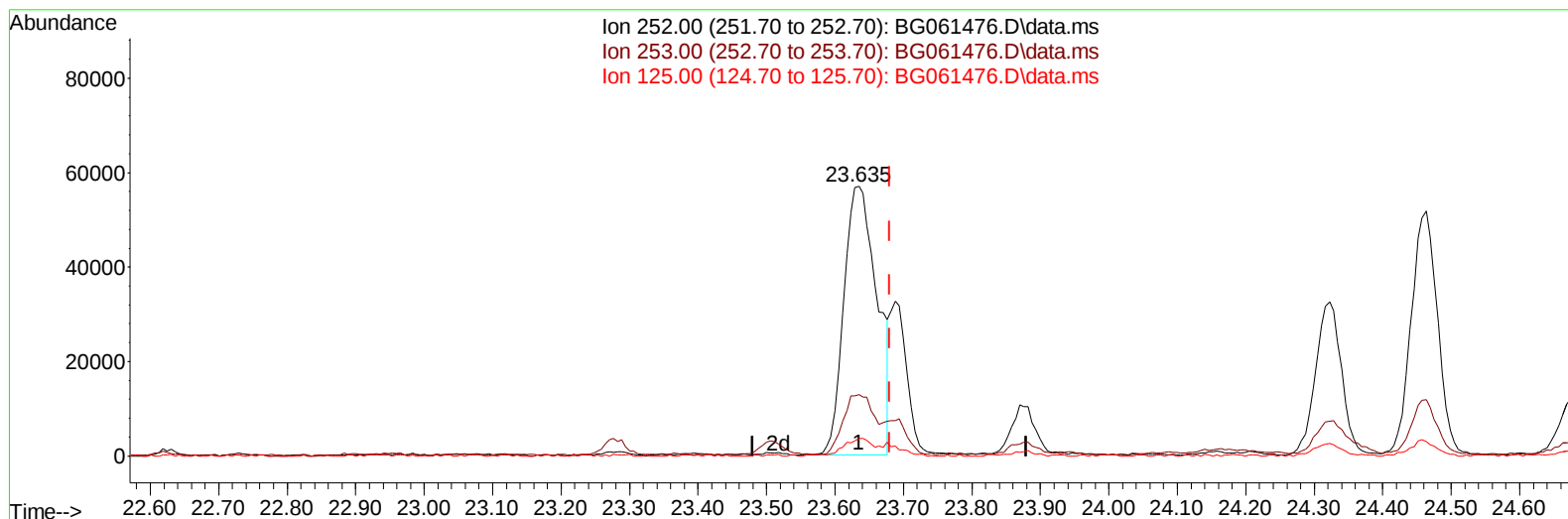
ClientSampleId :

BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061476.D\data.ms

(91) Benzo(k)fluoranthene

23.635min (-0.045) 14.03 ng/u1

response 191195

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.78
125.00	5.40	6.62#
0.00	0.00	0.00

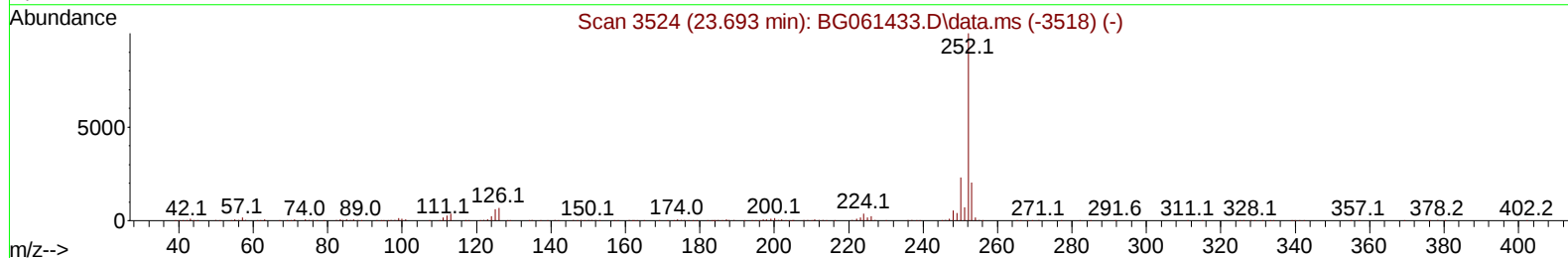
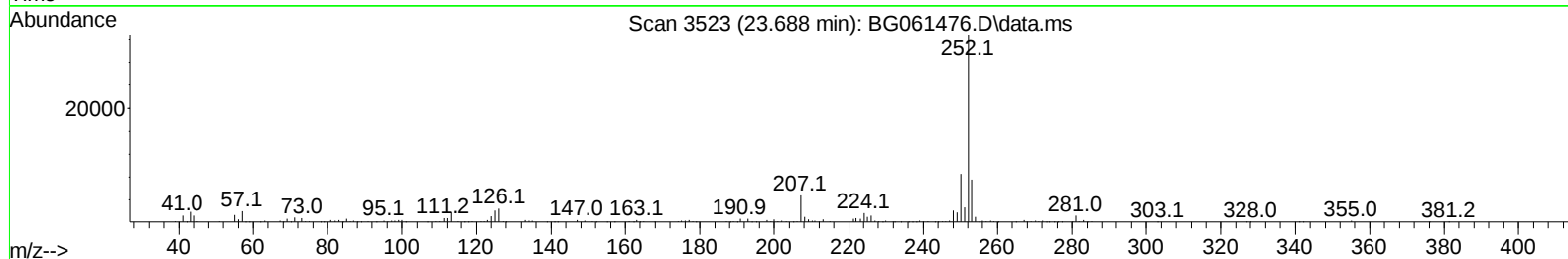
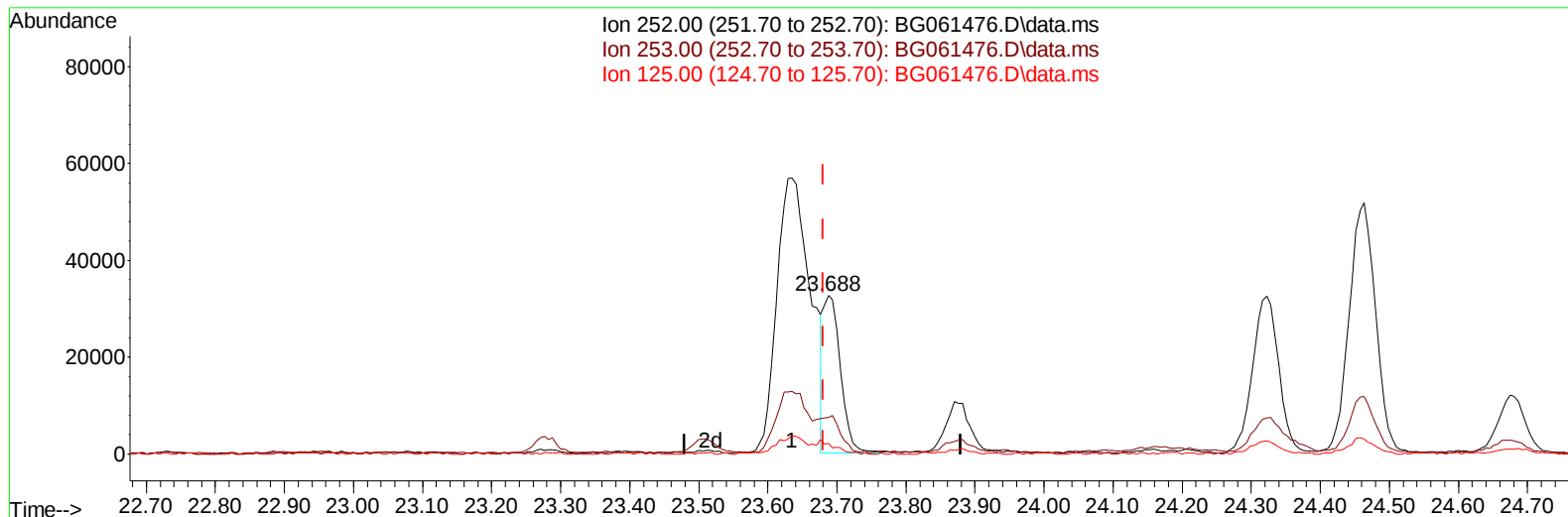
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061476.D
Acq On : 5 Jun 2024 5:55
Operator : MA/JU
Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061476.D\data.ms

(91) Benzo(k)fluoranthene

23.688min (+ 0.008) 4.06 ng/u1 m

response 55271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.00
125.00	5.40	6.53#
0.00	0.00	0.00

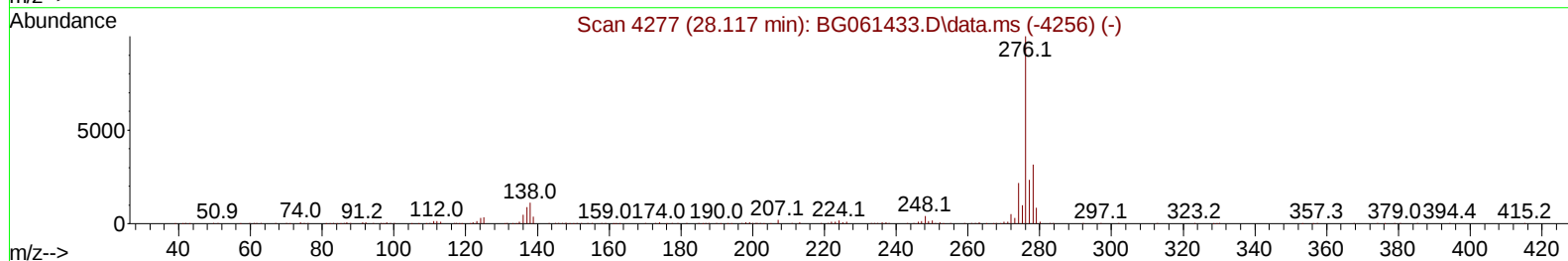
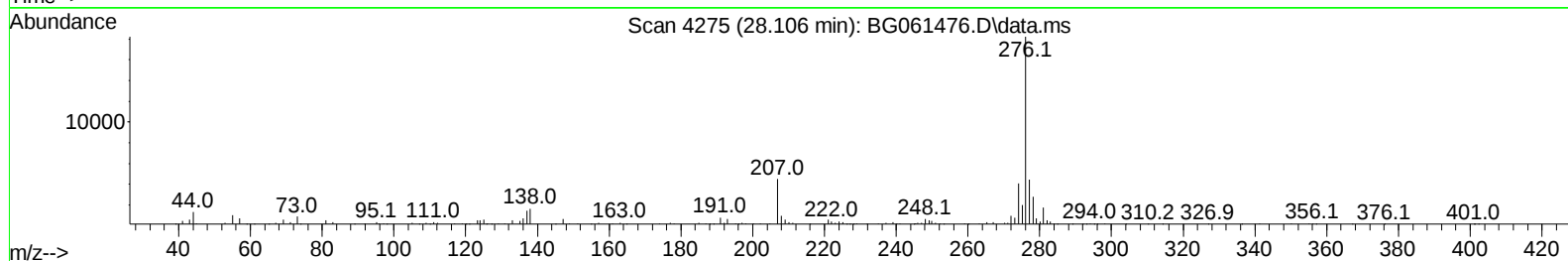
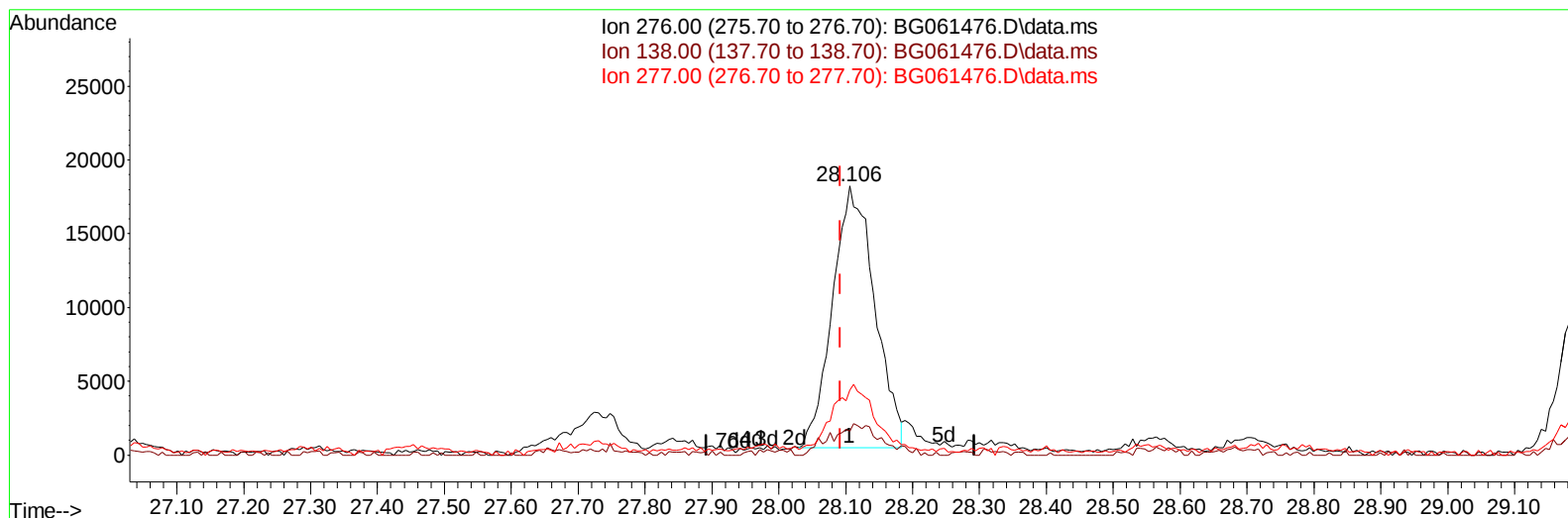
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061476.D
Acq On : 5 Jun 2024 5:55
Operator : MA/JU
Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:02 2024
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TIC: BG061476.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.106min (+ 0.014) 5.01 ng/u1

response 77254

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	8.89
277.00	24.60	24.24
0.00	0.00	0.00

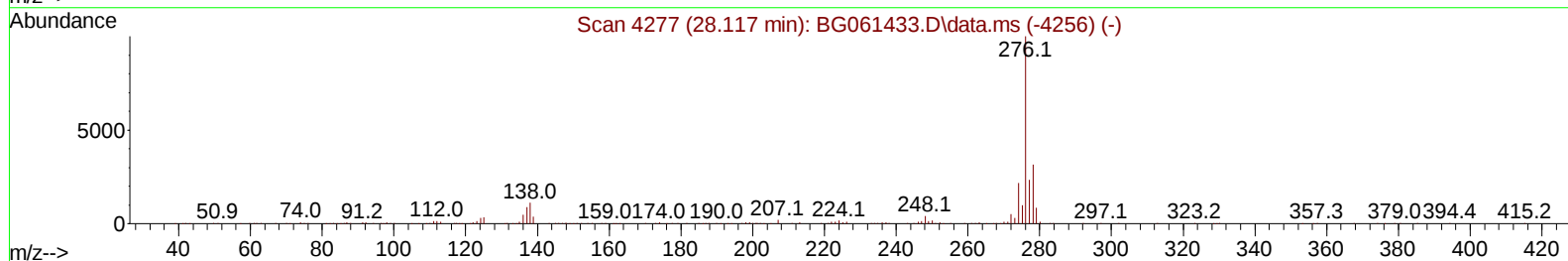
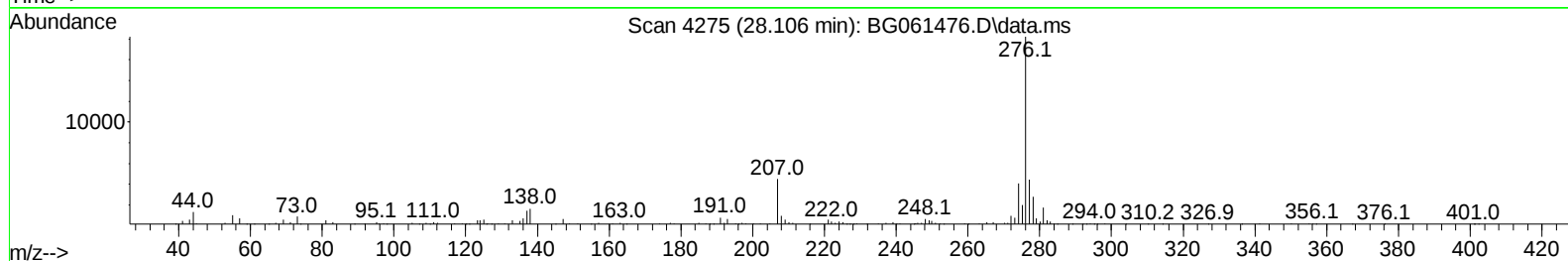
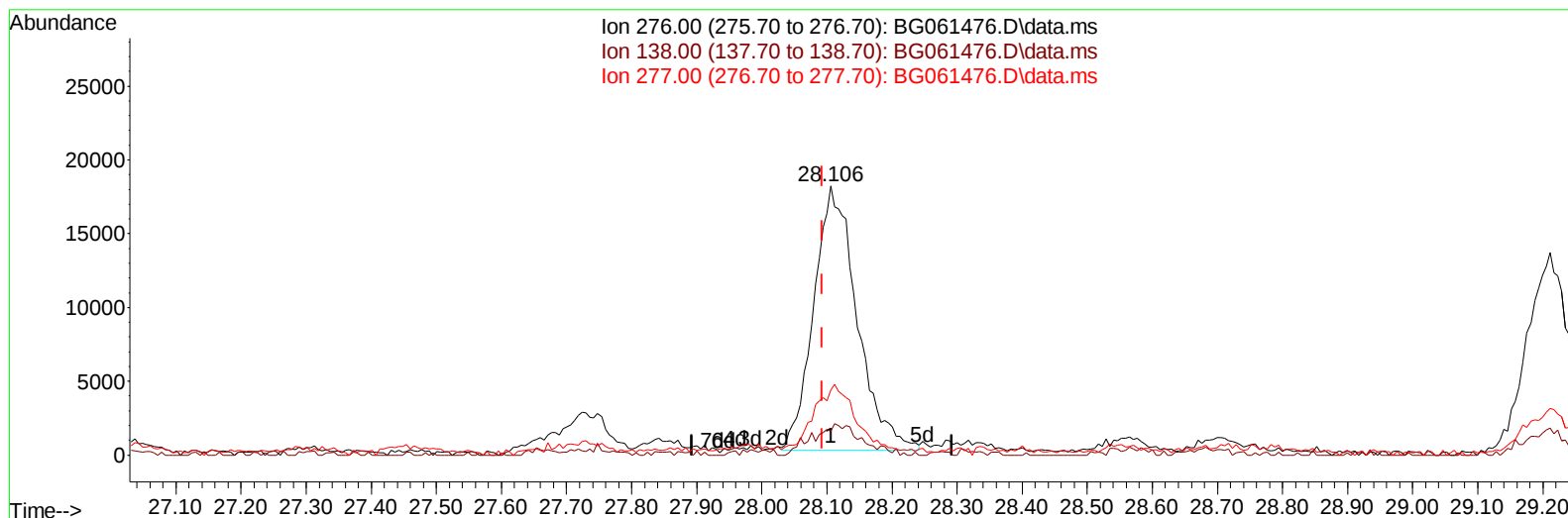
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061476.D
Acq On : 5 Jun 2024 5:55
Operator : MA/JU
Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061476.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.106min (+ 0.014) 5.37 ng/u1 m

response 82680

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	8.89
277.00	24.60	24.24
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061476.D
 Acq On : 5 Jun 2024 5:55
 Operator : MA/JU
 Sample : P2590-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_G

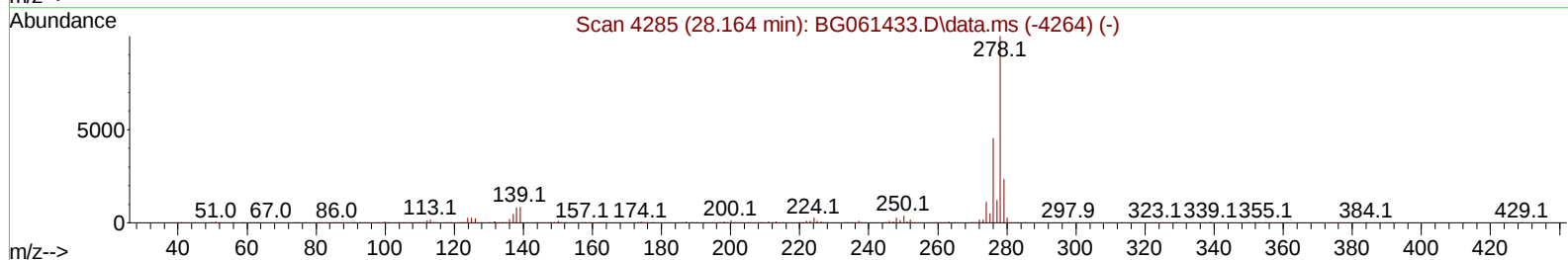
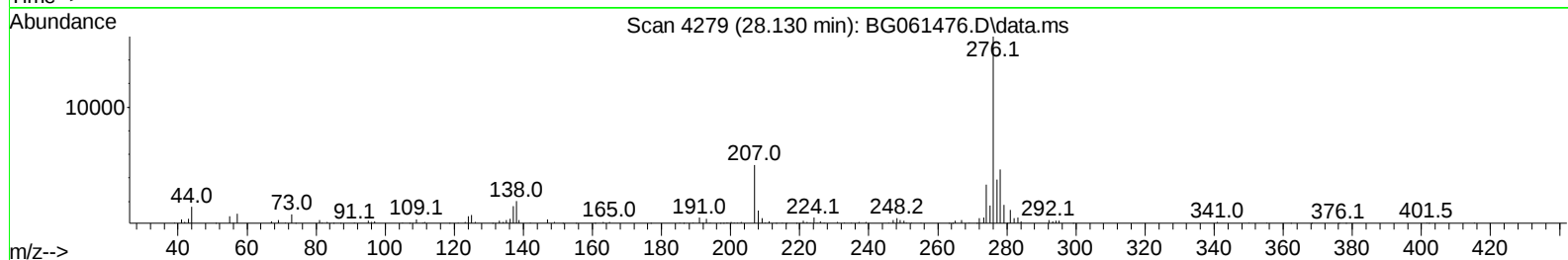
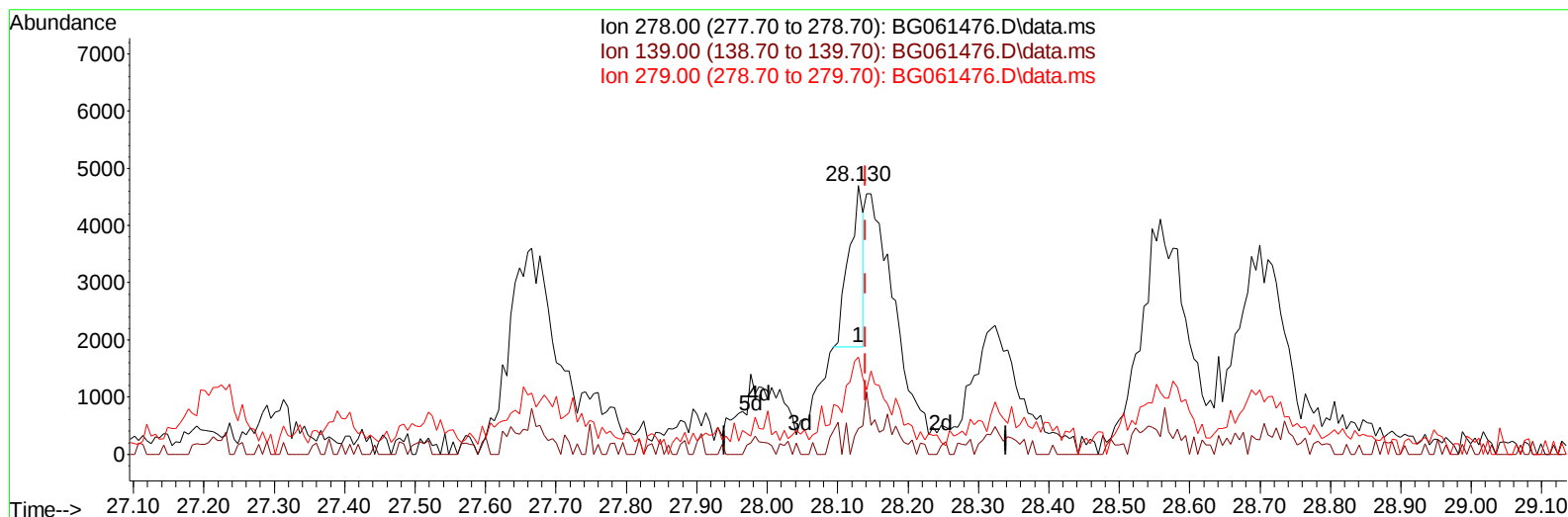
ClientSampleId :

BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061476.D\data.ms

(95) Dibenzo(a,h)anthracene

28.130min (-0.010) 0.31 ng/u1

response 3990

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.48
279.00	24.90	36.32#
0.00	0.00	0.00

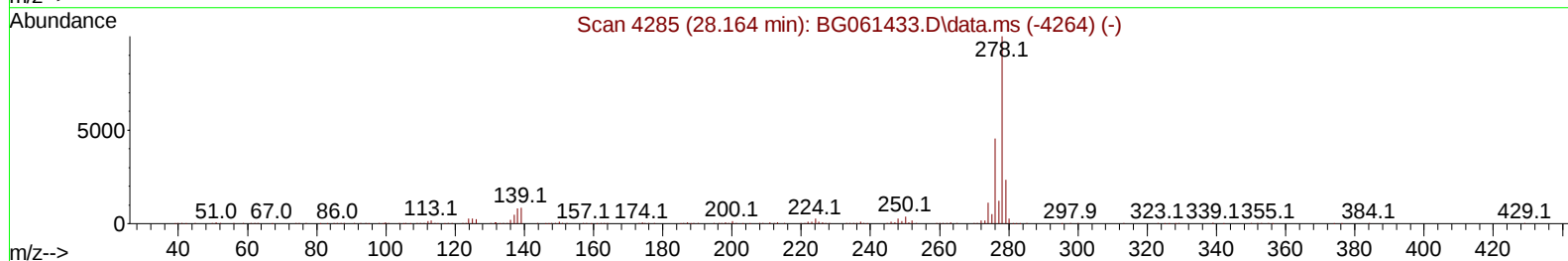
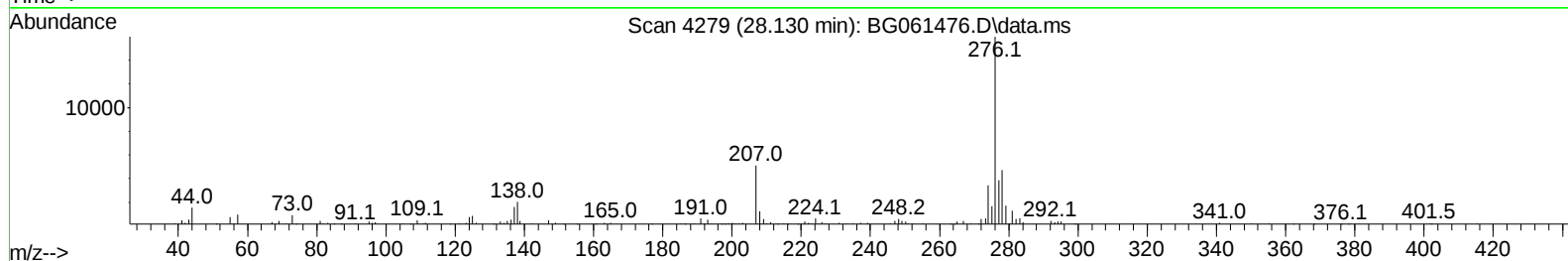
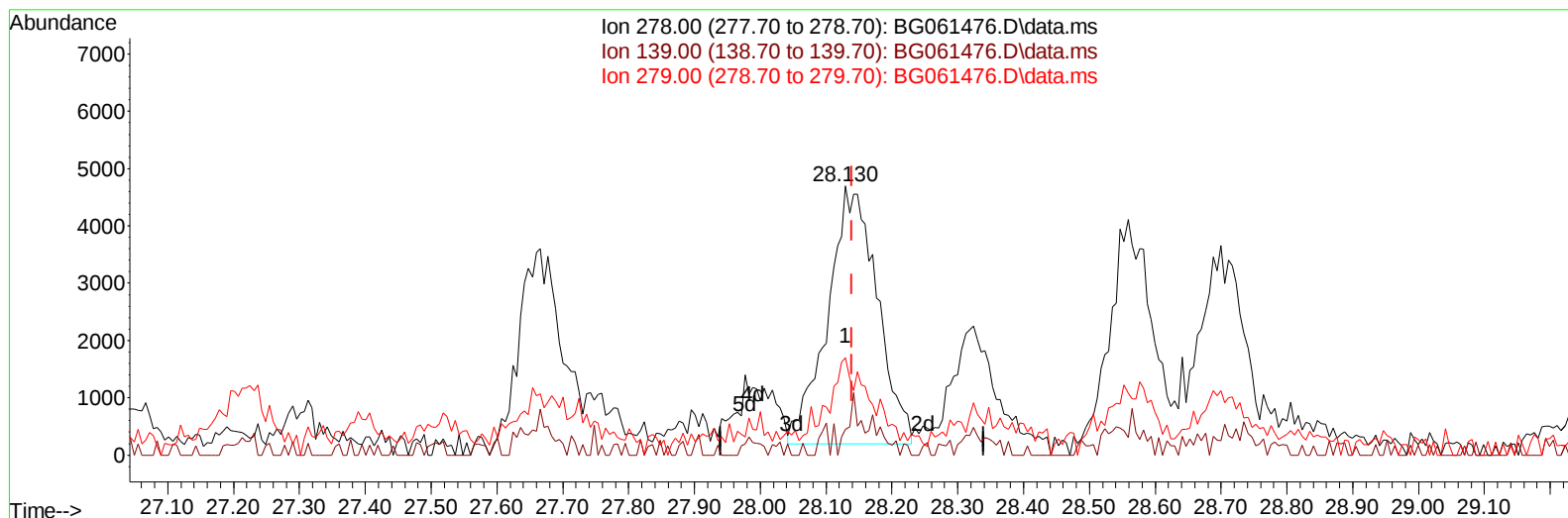
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061476.D
 Acq On : 5 Jun 2024 5:55
 Operator : MA/JU
 Sample : P2590-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061476.D\data.ms

(95) Dibenzo(a,h)anthracene

28.130min (-0.010) 1.84 ng/ul m

response 23413

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.48
279.00	24.90	36.32#
0.00	0.00	0.00

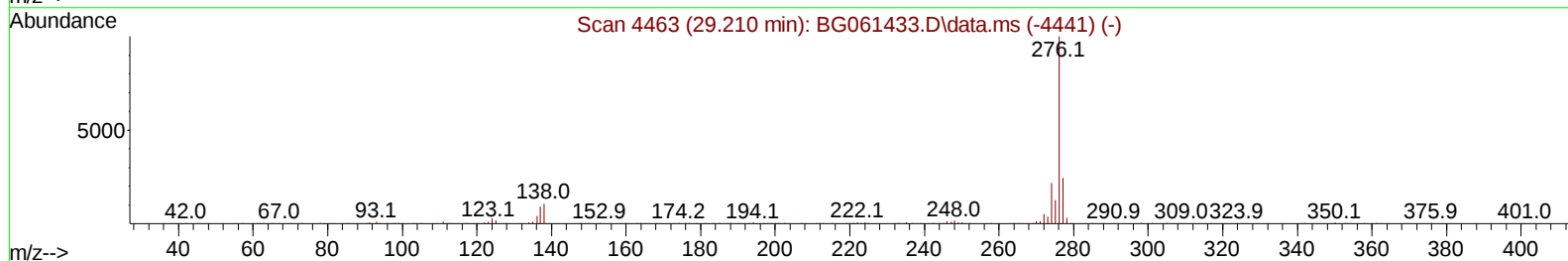
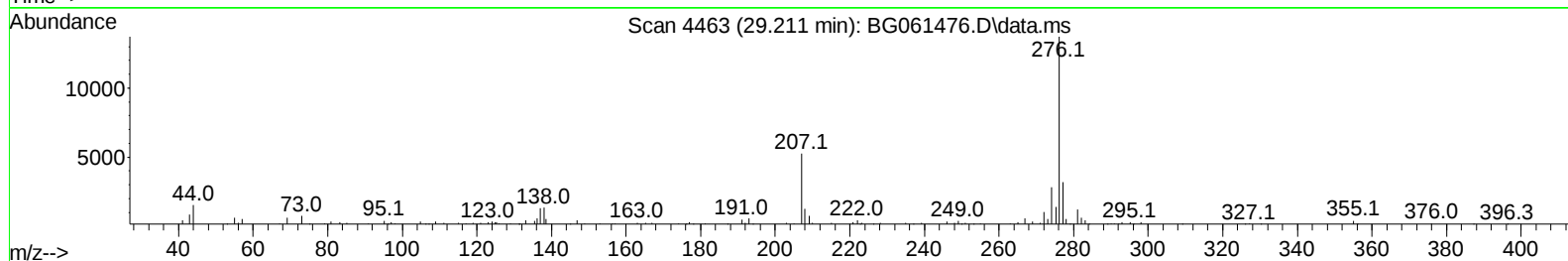
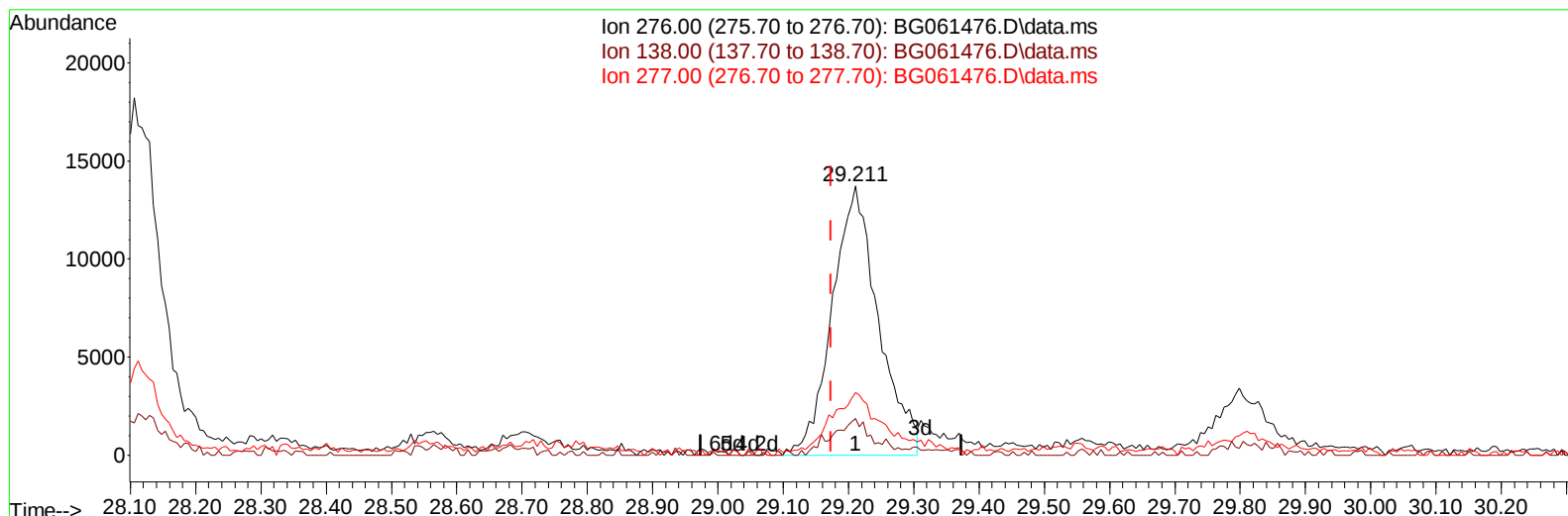
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Acq On : 5 Jun 2024 5:55
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Sample : P2590-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:56 2024
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TIC: BG061476.D\data.ms

(96) Benzo(g,h,i)perylene

29.211min (+ 0.037) 5.52 ng/u1

response 67707

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.48#
277.00	22.70	23.16
0.00	0.00	0.00

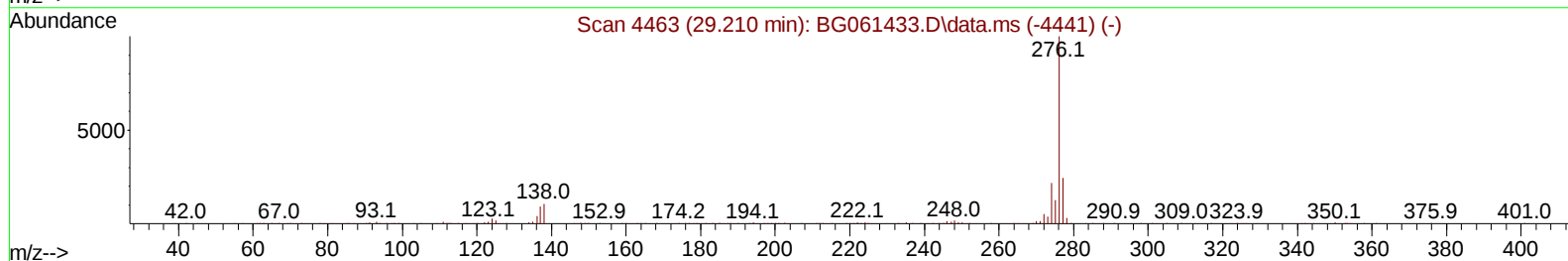
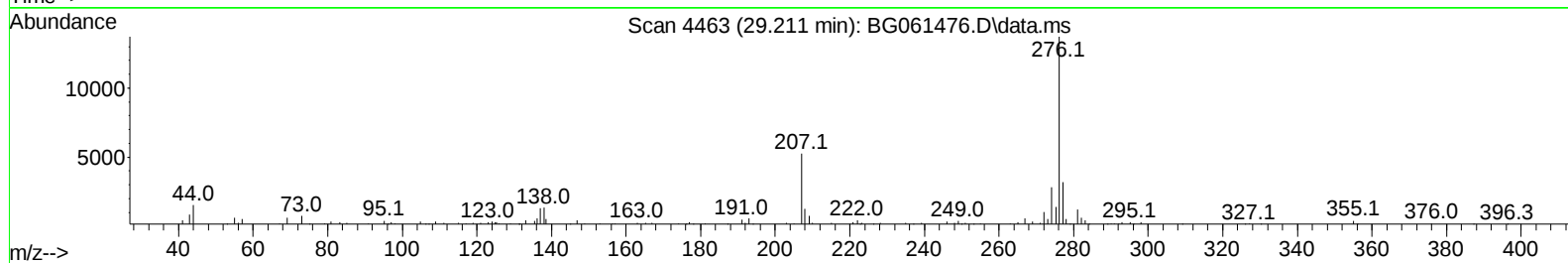
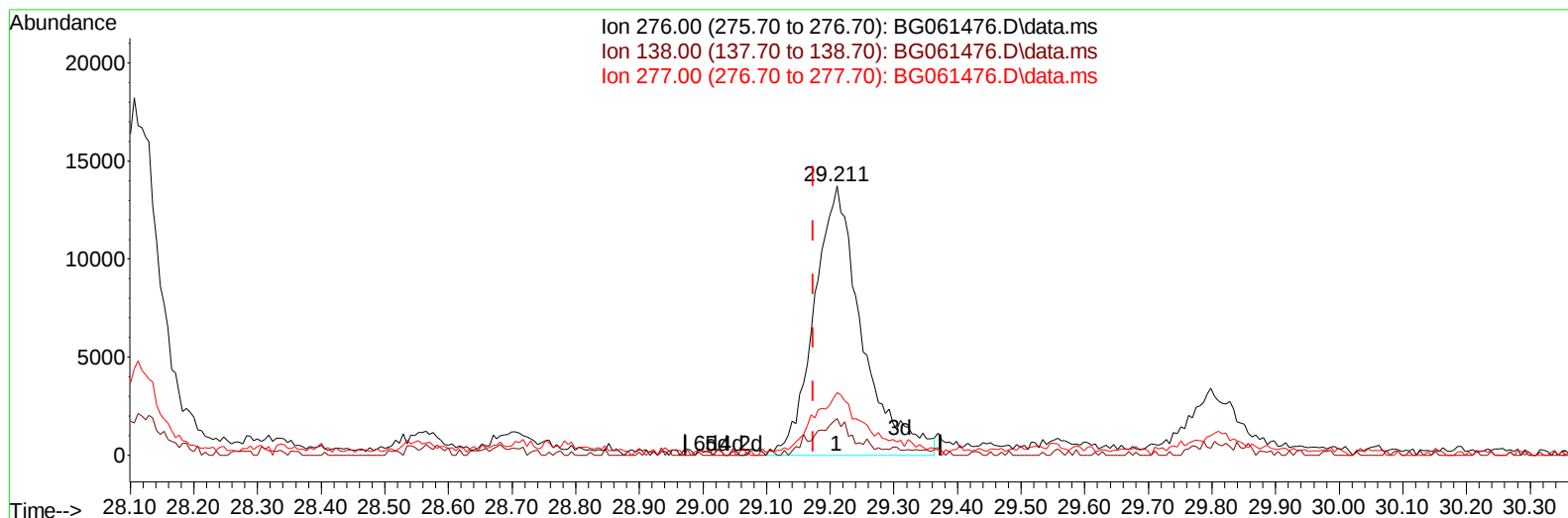
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:29:56 2024
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TIC: BG061476.D\data.ms

(96) Benzo(g,h,i)perylene

29.211min (+ 0.037) 5.85 ng/ul m

response 71690

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.79
277.00	22.70	23.16
0.00	0.00	0.00

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 Sample : P2590-11DL 5X
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
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 BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:35:56 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	26741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	104779	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	78647	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	183335	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.514	240	196562	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	225396	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.747	84	4707	2.769	ng/ul	0.00
7) Phenol-d5	7.060	99	11503	5.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	7573	5.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	9604	5.909	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	9404	5.022	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	5301	6.571	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	5801	6.144	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	11093	6.027	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	6805	2.826	ng/ul	0.00
46) Dimethylphthalate-d6	13.911	166	37042	6.073	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	38982	6.147	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	1746m	2.315	ng/ul	0.04
60) Fluorene-d10	15.503	176	31751	6.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.360	188	53048	6.563	ng/ul	0.00
81) Pyrene-d10	19.651	212	68036	6.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	73803	6.811	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.715	128	6791	1.228	ng/ul#	92
36) 2-Methylnaphthalene	12.331	142	5109	1.274	ng/ul#	79
52) Acenaphthene	14.575	153	10286	2.230	ng/ul	90
56) Dibenzofuran	14.910	168	14019	2.126	ng/ul	97
61) Fluorene	15.562	166	16266	2.850	ng/ul#	81
72) Phenanthrene	17.301	178	257715	28.962	ng/ul	98
74) Anthracene	17.395	178	53241	5.787	ng/ul	98
77) Carbazole	17.665	167	16930	2.262	ng/ul#	96
80) Fluoranthene	19.322	202	342719	28.307	ng/ul	99
82) Pyrene	19.681	202	301769	24.012	ng/ul	99
85) Benzo(a)anthracene	21.496	228	171909	12.675	ng/ul	97
87) Chrysene	21.561	228	151387	12.122	ng/ul	95
90) Benzo(b)fluoranthene	23.635	252	191195	14.247	ng/ul	99
91) Benzo(k)fluoranthene	23.688	252	55271m	4.057	ng/ul	
93) Benzo(a)pyrene	24.463	252	136432	10.706	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.106	276	82680m	5.365	ng/ul	
95) Dibenzo(a,h)anthracene	28.130	278	23413m	1.843	ng/ul	
96) Benzo(g,h,i)perylene	29.211	276	71690m	5.848	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 06:35:56 2024
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QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/07/2024

